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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/147,919	03/22/2005	6869793	20239-703	2431

7590

03/02/2005

ANTOINETTE KONSKI
BINGHAM MCCUTCHEN, LLP
THREE EMBARCADERO CENTER
SUITE 1800
SAN FRANCISCO, CA 94111

RECEIVED

MAR 10 2005

Bingham McCutchen
IP Docket Dept.

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

APPLICANT(s) (up to 18 names are included below, see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

MARY JANE CARDOSA, SARAWAK, MALAYSIA;
GERD SUTTER, MUNCHEN, GERMANY;
VOLKER ERFLE, MUNCHEN, GERMANY;

Docket: 20239-0703-05
Action: REQ. PAY. Rem. NOT.
Date Due: 3-22-2005 (ALP)

Docket: 20239-0703-05
Action: ISSUE
Date Due: 3-22-2007 (ALP)

Docket: 20239-0703-05
Action: 1ST MAIN FEE

Docket No. 20239-0703

Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to the BOX ASSIGNMENTS, Commissioner for Patents, Washington D.C. 20231.

Dated: July 29, 2002Name of Person Certifying: Nancy L. Hug

Printed Name: Nancy L. Hug

FORM PTO-1595

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Patent and Trademark Office

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Name: Mary Jane Cardoso
Address: 96 Jalan Wan Abdul Rahman
Lorong 4, 93300 Kuching
Sarawak, Malaysia

[X] Individual [] Association
[] General Partnership [] Limited Partnership
[] Corporation [] Other:

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

2. Name and address of receiving party(ies):

Name: Universiti Malaysia Sarawak
Address: 94300 Kota Samarahan
Sarawak, Malaysia

Additional name(s) of receiving party(ies) attached?

[] Yes [X] No

3. Nature of Conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name [] Other:

Execution Date: _____, 2002

4. Application Number(s) or Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s): 09/147,919

Additional numbers attached? [] Yes [X] No

B. Patent Number(s): _____

Additional numbers attached? [] Yes [] No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Carol M. Gruppi, Esq.

Address: Bingham McCutchen LLP
Three Embarcadero Center, Suite 1800
San Francisco, California 94111

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41) (\$40.00 per assignment): \$40.00

[] Enclosed

[X] Authorized to be charged to Deposit Account No. 50-1189

[x] The Commissioner is authorized to charge underpayment of any fees or credit any overpayment to Deposit Account No. 50-1189, Docket No. 20239-0703.

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Carol M. Gruppi 37 341
Name Registration Number

Signature

July 29, 2002
Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, inventor:

Mary Jane Cardosa

Who have created a certain invention for which I have executed, on or about the date of this assignment, an application for United States Letters Patent entitled RECOMBINANT MVA VIRUS EXPRESSING DENGUE VIRUS ANTIGENS, AND THE USE THEREOF IN VACCINES.

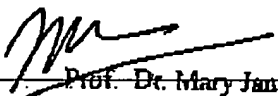
Do hereby sell, assign and transfer to **Universiti Malaysia Sarawak**, a corporation, having a place of business at 94300 Kota Samarahan, Sarawak, Malaysia, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Universiti Malaysia Sarawak**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

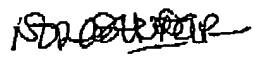
Mary Jane Cardoso


Signature: ~~Prof. Dr. Mary Jane Cardoso~~
Director
Institute of Health & Community Medicine
UNIVERSITI MALAYSIA SARAWAK

22/2/99

Date:

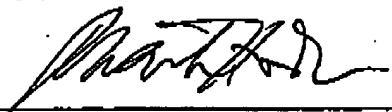
Witness:


Signature: NORAZIKIN ABD. RAHMAN

22/2/99

Date:

Witness:


Signature: TO PHAIK HOO

22/2/99

Date:

Docket No. 20239-0703

Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)).

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to the BOX ASSIGNMENTS, Commissioner for Patents, Washington D.C. 20231.

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Printed Name: Nancy L. Hug

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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

1. Name and address of conveying party(ies): Name: <u>Volker Erfle</u> Address: <u>La Place Str. 4, D 81679</u> <u>Munich, Germany</u> <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Association <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Corporation <input type="checkbox"/> Other Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>GSF - Forschungszentrum für Umwelt und</u> <u>Gesundheit GmbH</u> Address: <u>Ingolstädter Landstr. 1, D 85764</u> <u>Neuherberg, Germany</u> Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>March 2, 1999</u>			
4. Application Number(s) or Patent Number(s): If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application Number(s): <u>09/147,919</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B. Patent Number(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: <u>Carol M. Gruppi, Esq.</u> Address: <u>Bingham McCutchen LLP</u> <u>Three Embarcadero Center, Suite 1800</u> <u>San Francisco, California 94111</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. § 3.41) (\$40.00 per assignment): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account No. <u>50-1189</u> . <input checked="" type="checkbox"/> The Commissioner is authorized to charge underpayment of any fees or credit any overpayment to Deposit Account No. <u>50-1189</u> , Docket No. <u>20239-0703</u> .	

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Carol M. Gruppi 37,341
 Name Registration Number

Signature

July 29, 2002
 Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

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PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, inventor:

Volker Erfle

Who have created a certain invention for which I have executed, on or about the date of this assignment, an application for United States Letters Patent entitled RECOMBINANT MVA VIRUS EXPRESSING DENGUE VIRUS ANTIGENS, AND THE USE THEREOF IN VACCINES.

Do hereby sell, assign and transfer to GSF - Forschungszentrum für Umwelt und Gesundheit GmbH, a corporation, having a place of business at Ingolstädter Landstr. 1, D 85764-Neuherberg, Germany, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that GSF - Forschungszentrum für Umwelt und Gesundheit GmbH, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

Volker Erfle

Signature: *Volker Erfle*

Date: 1.3.99

Witness:

Signature: *Dr. Hans Kitzinger*

Date: 02.03.99

Witness:

Signature: *Dr. G. Drues*

Date: 2.3.99